

APPENDIX

Changes to Claims:

The following are marked-up versions of the amended claims:

6. (Amended) The nanowire according to claim 1, wherein the functional layer has semiconductor properties.
10. (Amended) The nanowire according to claim 1, wherein a predetermined material is incorporated into a hollow tubular portion of the carbon nanotube forming the core portion.
11. (Amended) The nanowire according to claim 1, wherein the carbon nanotube forming the core portion has a structure showing semiconductor properties.
12. (Amended) The nanowire according to claim 1, wherein the carbon nanotube forming the core portion has a structure showing conductor properties.